

19970722.ba ba-por01.574 ba-por01.575
>1574
>From owner-boatanchors@theporch.com Mon Jul 21 00:02 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id AAA25348
> for <SHIMSHON@URO.THEPORCH.COM>; Mon, 21 Jul 1997 00:02:37 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
> by sco.theporch.com (8.8.7.Beta2/SCO-5.0.2-anti-spam) with SMTP id FAA06933;
> Mon, 21 Jul 1997 05:02:20 GMT
>Message-Id: <199707210502.FAA06933@sco.theporch.com>
>Date: Mon, 21 Jul 1997 00:02:20 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: BOATANCHORS digest 1574
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__869461151434730575"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1574

Topics covered in this issue include:

- 1) Re: Free QRM eliminator
by William Donzelli <william@ans.net>
- 2) Re: Palomar 350Z Amplifier?
by "D.D. Todd" <dube3@n-link.com>
- 3) WTD: Racal RA17-C12 Parts
by Mike Rowlands <rowlands@magma.com>
- 4) Re: Literature/Books from Estate F/S (long)
by Avery Comarow <acomarow@USNEWS.COM>
- 5) RE: parting out HT-32
by JONWEINER@aol.com
- 6) Pse, your opinions on best fix, TR3 (long)
by "al parker" <al_parker@kacc.com>
- 7) TS-497C/URR Sig Gen Manual/Acc Needed
by dlwade@pacbell.net
- 8) Gear/Literature FS
by don merz <71333.144@CompuServe.COM>

Date: Sun, 20 Jul 1997 18:55:27 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Free QRM eliminator

Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone have information on this beast (like a picture)? For 5 kW, what tubes did it use?

William Donzelli
william@ans.net

-- Antonio Lopez de Santa Anna

Date: Fri, 18 Jul 1997 00:26:59 -0400
From: Mike Rowlands <rowlands@magma.com>
To: boatanchors@theporch.com
Subject: WTD: Racal RA17-C12 Parts
Message-ID: <1.5.4.32.19970718042659.0067ee30@mail.magma.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I'm looking for a front panel from a Racal RA17-C12 if anyone is parting one out. Likely shall need a few other bits for this radio before I'm finished restoring it, so any leads much appreciated!

73

Mike VA3MR

Date: Mon, 21 Jul 1997 00:40:08 GMT
From: Avery Comarow <acomarow@USNEWS.COM>
To: <w4bld@juno.com>
Cc: boatanchors@theporch.com
Subject: Re: Literature/Books from Estate F/S (long)
Message-ID: <199707210040.AAA01182@sco.theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:09 PM 7/20/97 -0400, w4bld@juno.com wrote:

>Ladies and Gentlemen - A good friend of mine, K4DUJ, is a recent SK and
>his wife has requested that I help with disposition of some of his books
>and papers. The following is a list of what I have seen so far. If you
>have an interest in anything, please e-mail me and I'll respond asap.
>THANKS, Bob (Add \$3.00 shipping for what will go into a Priority Mail
>pouch; \$6.00 if more than one is required etc.)

>"Radio" Magazines by number 205,231,215,225,240,236,
> (1937 and 1938) 239,238,237,230,229,228,
>
>227,226,232,234, and 231 \$25.00/ lot
>

I'd love to take these. Please let me know if I've won this little lottery.

If so, tell me where to send the check!

Tnx, Avery W40GK

Date: Sun, 20 Jul 1997 21:47:06 -0400 (EDT)
From: JONWEINER@aol.com
To: boatanchors@theporch.com
Subject: RE: parting out HT-32
Message-ID: <970720214652_1758879391@emout02.mail.aol.com>

Second round - please let me know if I can help get a rig back on the air.
Everything available except: SSB sub-chassis, filter choke, fan cage and fan,
two feet(?), and, I think, the power transformer.

Regards. Jon, K1VVC (Greenville, SC)

Date: Sun, 20 Jul 97 19:58:29
From: "al parker" <al_parker@kacc.com>
To: drake-1@fablotz.min.net, boatanchors@sco.theporch.com
Subject: Pse, your opinions on best fix, TR3 (long)
Message-ID: <9706208694.AA869453909@ccuucp.kacc.com>

.
Hi Drakers and BA folks,

I have a TR3, with a bad 9.001+ filter, the "normal" sideband filter. It has abt 12 db loss thru it compared to the 8.998+ "opposite" filter. I have posted to the list a couple of times looking for a replacement, with no luck, but a couple of possible workaround suggestions. This is the 4-pole "soup-can" unit, with switch and crystals sealed inside a can.

I have tried a Swan 9.001+ filter, thinking I might use it with no externally discernible difference. This filter has a very 'bumpy' passband, and has ~10 db gain compared to the good filter, when each is tested out of the circuit, with 50 ohm source & 330 ohm termination. It is also unbalanced, vs the balanced Drake unit. Interestingly, the stock filters check within 2 db of each other out of ckt.

I have opened the 'soup-can', but can not yet determine which component may be bad. If it's a crystal, they are marked as to freq., possibly could replace the bad one, but I suspect the

assembly was swept & crystals custom selected for proper passband. Each crystal looks about the same when swept with an Autek RF Analyzer, looking at impedance, in circuit.

Here's my question--which of the following 'fixes' would you prefer if you were to own this rig? (It'll be for sale, as I need space for the B-twins just purchased).

1. Leave it as-is, with 12 db loss in all "normal" signals thru the hi-side fliter. Several s-units down on 'normal' sideband & cw.
2. Move the 9.000 mhz oscillator to ~8.997+ and use the low-side original filter, with no 'opposite' possibility. This filter has a bit more of a slope on the low side skirt, so there is more signal heard on the wrong side of zero beat than normal, and probably a bassy-er sounding audio on xmt.
3. Same as 2. above, but rewire sideband switch to move the 9 mhz oscillator to the proper freq. to give both usb & lsb capabilities. Dial calibration will change abt 3 khz when switching, a common situation on many rigs. same problems on 'normal'.
4. Use the Swan filter only (unbalanced, remember) and have 'normal' sideband only. It does patch in & seems to work OK.
5. It may be possible to use the Swan filter unbalanced, and switch to the lo-side filter for 'opposite' sb, but may have a problem with proper match thru the coils for both.

Please let me know by direct e-mail what you would do (and any other suggestions?), I will collate the responses and post the results to the list.

73,
Al, W8UT al_parker@kacc.com
Dublin, CA

A fanatic is one who doubles his efforts after forgetting his objective.

Date: Sun, 20 Jul 1997 06:20:21 +0000
From: dlwade@pacbell.net
To: boatanchors@sco.theporch.com, baswaplist@foothill.net
Subject: TS-497C/URR Sig Gen Manual/Acc Needed
Message-ID: <199707210325.UAA27954@mail-gw.pacbell.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hello everyone,

Hope everybody had a fruitful weekend.

Mine was enriched by a garage sale find: An almost pristine
TS-497C/URR 2-400mcs sig gen. for \$20.

It is, however, missing the manual and certain cable assemblies,
which are:

CG-55/B Cord (is this the AC cord?)
CG-683/U RF Cable assembly
CG-935/U RF Cable assembly (how are these two RF cables
different?)

Any info on the RF cables would be nice, in particular if I
can fabricate them myself, or if they contain more than coax and
connectors.

Any general info would be nice too. Can it be FM'ed easily?
Is it stable when working properly? And so forth...

Many thanks,

Dennis
Dennis L. Wade
KG6ZI
Sacramento, CA

NOTE NEW EMAIL ABOVE (dlwade@pacbell.net)

Date: 20 Jul 97 23:47:40 EDT
From: don merz <71333.144@CompuServe.COM>
To: <boatanchors@theporch.com>
Subject: Gear/Literature FS
Message-ID: <970721034740_71333.144_DHB47-5@CompuServe.COM>

Boatanchors & Literature FS

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

SBE-34 HF transceiver. AC/DC radio covers 80-15 meters in a compact package. Stylish black finish cabinet and black front panel. SSB only. VFO covers only phone portion of each band. 60 watts out. Hybrid unit is all solid state except for driver and finals (12DQ7 driving 2 6GB5's). Looks great. I tested this and it loads on all bands and receives well. Controls may need some Deoxit. With AC power cable, DC power cable, mobile bracket and original manual. \$129

Radio Set AN/GRC-37/VRC-34. This consists of one AN/GRC-9 backpack HF transmitter/receiver, dynamotor supply DY-105/GRC-9 (24 volt version of DY-88), cord CD-1086 (GRC-9 to DY-105), cord CX-2031A/U (DY-105 to 24 volt source), antenna mast base AB-15/GR, mast sections AB-22/GR, AB-24/GR, loudspeaker LS-203/U, microphone M-52/U, and the mobile bracket that mounts the antenna base to the vehicle (nomenclature unknown). With original TM 11-5820-453-10 operator's manual and -20 Organizational Maintenance manual. All brand new. Some scuffs here and there but basically near-mint. The antenna also includes a tall plastic weatherproof housing that must have been designed to keep the antenna from contacting the vehicle when it swayed. Untested but this should be plug-n-play. Manuals dated 5/10/63. \$200

Electro Voice Model 611 "Mercury" microphone. All stainless steel. Looks like EV Cardax mic in a less round design. Brand new in original box with original EV cable. Sparkling. \$99

Military antenna mast base AB-15/GR with mast sections AB-22/GR and AB-24/GR. Also includes a tall plastic weatherproof housing that must have been designed to keep the antenna from contacting the vehicle when it swayed. \$19

Military dogbone cable used to connect RT-66 (or -67 or -68) radios to power supply PP-109 or PP-112. \$13

Hammarlund Frequency Standard Type FS-135-C. Designed for internal mounting in something. Missing crystal and 7-pin miniature tube. Looks okay. Untested. Use unknown. \$13

Literature

TM 11-5820-453-10 AN/GRC-87/AN/VRC-34 operator's manual. Like new. \$11
TM 11-5820-283-35P Receiver-Transmitters RT-66/GRC, RT-67/GRC and RT-68/GRC Field and Depot Maintenance Repair Parts and Special Tools List. 8/59. Excellent. \$9

TM 11-289 Receiver-Transmitters RT-66/GRC, RT-67/GRC and RT-68/GRC. 12/53. Excellent. \$19

Heathkit HW-101 SSB Transceiver Assembly Manual. Original. Well worn. Small corner of front cover torn. With oversize assembly drawings. \$19

Heathkit HWA-2036-3 AC Power Supply Original Manual. Good. \$8

Heathkit SB-600 Communications Speaker original manual. Good. \$8

Heathkit HP-23B AC Power Supply original manual. Good. \$11
Heathkit HW-202 2-Meter FM Transceiver original manual. With oversize
assembly drawings and separate parts list. Cover worn. \$16
Radio Handboook edited by Bill Orr W6SAI, 1962, 16th edition. Cover
worn badly and binding edge taped. Otherwise good. \$9

WANTED

Manual for Simpson 260 Series 6XLM VOM. Trade manual for Series 7/7M
or pay cash.

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).

End of BOATANCHORS Digest 1574

>1575

>From owner-boatanchors@theporch.com Mon Jul 21 19:42 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.7.Beta2/A-UX-3.1.1) with ESMTP id TAA26615
> for <SHIMSHON@URO.THEPORCH.COM>; Mon, 21 Jul 1997 19:42:05 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
> by sco.theporch.com (8.8.7.Beta2/SC0-5.0.2-anti-spam) with SMTP id AAA04426;
> Tue, 22 Jul 1997 00:41:17 GMT
>Message-Id: <199707220041.AAA04426@sco.theporch.com>
>Date: Mon, 21 Jul 1997 19:41:17 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: BOATANCHORS digest 1575
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__869532070434766035"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1575

Topics covered in this issue include:

- 1) Re: Contact
by w7ni@teleport.com (Stan Griffiths)
- 2) Re: German WWII bit ?
by "ro" <otterstad@inet.uni-c.dk>
- 3) Carling Variable
by Ronnie Hull <w5sum@ms1.nwla.com>

- 4) HQ170C Orig Manual
by "Cheney,Charlie (NFSPST1)" <ccheney@foxboro.com>
- 5) Receiver antenna amp
by Bob Roehrig <broehrig@admin.aurora.edu>
- 6) Florescent desk lamps
by mack@mails.imed.com (Ray Mack)
- 7) Ham Radio Magazines FS
by VernSchroe@aol.com
- 8) FS Beam indicator
by jackiv@juno.com (John M Iverson)
- 9) LA BA ?
by Nick England <nick@cs.unc.edu>
- 10) BC348 Help Needed
by "Schroeder,Russell G" <Russell_Schroeder@xn.xerox.com>
- 11) Re: LA BA ?
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 12) Solid state replacements
by "William L. Fuqua III" <wlfuqu00@pop.uky.edu>
- 13) "new" Ameco AC-1 and Shipping
by "Freeberg, Scott (STP)" <qc01870@stp03.guidant.com>
- 14) FS: Johnson 250-39 TR switch
by "Joseph W. Pinner" <kc5ijd@net-connect.net>
- 15) Dow Key Electronic TR
by "Gary J. Youney" <72302.2164@CompuServe.COM>
- 16) Gonset "Monitone" FS
by VernSchroe@aol.com
- 17) re: wrinkle painting
by "Ian Abbott" <ian@gene.COM>
- 18) Dow Key TR Sold
by "Gary J. Youney" <72302.2164@CompuServe.COM>
- 19) Teleset D Buzzer
by BEN NOCK <G4BXD@compuserve.com>
- 20) Tech Manuals
by Jderm740@aol.com
- 21) BC-312 loudspeaker 12 volts
by philip mccoey <dgnova@erols.com>
- 22) ER
by "Lloyd A. Scott, Jr." <wpul1130@concentric.net>
- 23) Re: Wrinkle painting
by "Ian Abbott" <ian@gene.COM>
- 24) FS: HW-101
by "Joseph W. Pinner" <kc5ijd@net-connect.net>
- 25) BC221 and Instructograph
by laffitte@prtc.net (laffitte)
- 26) How to contact Dallas Lankford?
by k5jv@vonl.com (Lon W. Cottingham)
- 27) Part 2, the HT-32 Saga
by "Allan Fritsche" <fritsche@msn.com>

- 28) rocks for 160 & 80?
by tomrice@netcom.com (Tom R. Rice)
- 29) BA dawn patrol
by marty@aa4rm.radio.org (locale for Marty Reynolds)
- 30) BA dawn poetry
by polepeeg@aa4rm.radio.org (Marty Reynolds' BA ID)
- 31) QSTs AVAILABLE FOR POSTAGE
by jworth@scn.org
- 32) Don't say it ain't a boatanchor if you ain't carried one
by Mike Sanders <k0az@i1.net>

Date: Sun, 20 Jul 1997 23:37:19 -0700 (PDT)
From: w7ni@teleport.com (Stan Griffiths)
To: ganderso@neumedia.net
Cc: boatanchors@theporch.com
Subject: Re: Contact
Message-ID: <199707210637.XAA14440@kim.teleport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>As an aside, the main "discrepancy" I noted concerning ham radio
>in the movie was the call "W9GFO". Not likely to be issued to a
>9 year old in 1968.....
>
>Yours in nitpicking.....
>
> Gary N. Anderson Amateur Call: W8IVF

Coulda been using her Dad's call I suppose . . .

I didn't like the fact that she NEVER used phonetics and used the phrase "come back" when standing by for a reply to her CQ. I am more used to hearing "over" or "listening". "Come back" sounds pretty CBish to me . . . you may actually hear that now but I doubt it in 1968.

The biggest thing that looked like a technical goof to me was when she was asked what it would take to fake the signals from Vega and she agreed they could have come from a satellite. I don't think so!! Satellites orbit the earth and it would be VERY obvious to anyone who had to track the signal.

Stan w7ni@teleport.com

Date: Mon, 21 Jul 1997 10:00:42 +0200
From: "ro" <otterstad@inet.uni-c.dk>
To: <G4BXD@compuserve.com>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: German WWII bit ?
Message-ID: <199707210815.KAA24502@inet.uni-c.dk>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ragnar Otterstad
email : otterstad@inet.uni-c.dk

From: BEN NOCK <G4BXD@compuserve.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: German WWII bit ?
Date: 20. juli 1997 18:44

This is a reciver part of a radio altimeter from German WW2 aircraft.:
The transmitter is a S101A.

If you want to part with it, let me know. There is a fellow here who
rebuilds WW2 aircrafts who might be interested.

73 Rag OZ8R0

F-Gerate E101A

its a 6 valve unit, I'm guessing at either an intercom amp
or modulator/amp.

Its Kraut Grey, about 8 inch square, on shock mounts,
big multi pin plug on the side on a small bracket.

Looking forward to being enlightened.

Ben G4BXD, Curator,
MILITARY WIRELESS IN THE MIDLANDS MUSEUM

Date: Mon, 21 Jul 1997 05:42:13 -0500
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com

Subject: Carling Variable
Message-ID: <1.5.4.16.19970721044539.120fac7c@ms1.nwla.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have posted this question before and got no replies, but lets try this just one more time.

I have a Carling Dual section variable capacitor.
I need to know the specs on this. The only part numbers on it is ink stamped KS 13985-L2.

this body is 10.5" long and 4" wide across the top.

anyone out there who can help me with this?

Ronnie

=====

W5SUM
Ronnie Hull
3131 Meadow Parkway dr.
Shreveport, La 71108

"Use and Enjoy 10 Meters"
Ten-Ten #2019
formerly WN5AIA - WB5AIA

=====

Date: Mon, 21 Jul 1997 08:35:42 -0400
From: "Cheney,Charlie (NFSP0ST1)" <ccheney@foxboro.com>
To: "'boatanchors@sco.thePorch.com'" <boatanchors@sco.thePorch.com>
Subject: HQ170C Orig Manual
Message-ID: <c=US%a=_%p=SCD%1=SCD/FOXBORO/0000E4AF@exchange_fox.foxboro.com>

Hello BA Friends,

Looking for a manual for HQ170C S/N 4746. Thought I would try for an original manual for this rcvr before I bought a copy. Can anyone help?

Thanks and 73,
Charlie AA1HB

Date: Mon, 21 Jul 1997 08:01:34 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>,
glowbugs <glowbugs@www.atl.org>
Subject: Receiver antenna amp
Message-ID: <Pine.ULT.3.96.970721075414.15263B-100000@admin.aurora.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been swamped with requests for the details on this unit.
John Brewer has been kind enough to try and scan it and have it available
on his web page. I'll let him get the word out if he is successful.
That should reduce the number of hard copies I would need to mail.
I am leaving on vacation today (for a week) and will be away from email.
After John has it ready on his web page, then once again, I'll ask for
those of you that can't access the info off the web to send me a note.
Depending on how many still want me to send copies, I may ask for a SASE.
I don't mind spending a few bucks to mail stuff out but it would have run
well over \$20 in postage. Gotta draw the line somewhere :-)

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Mon, 21 Jul 1997 08:44:46 -0600
From: mack@mails.imed.com (Ray Mack)
To: boatanchors@sco.theporch.com, heath@listserv.tempe.gov,
vhf@w6yx.stanford.edu
Subject: Florescent desk lamps
Message-ID: <0001C697.@mails.imed.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Hey Y'all:

I hope this isn't off topic for y'all (this is really a test
equipment topic), but one problem I have had repeatedly both at work
and in the shack is that the florescent desk lamp with a magnifier for
my failing eye sight goes through a ballast about every 2 years. I
had been buying them directly from Luxo for a lot of money and lots of
shipping time.

I was browsing through Builders Square (soon to also be Hechingers for those on the East Coast) and found they carry a little ballast for 24 inch straght tubes that also is the right one for the 8 inch cicular ones used in the desk lamps. I needed to do some surgery to remove the mounting tabs, but it fit the housing just fine after the surgery. Now both desk lamps in the shack are back running.

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

Date: Mon, 21 Jul 1997 10:16:43 -0400 (EDT)
From: VernSchroe@aol.com
To: boatanchors@sco.theporch.com
Cc: baswaplist@foothill.net
Subject: Ham Radio Magazines FS
Message-ID: <970721101610_-1341986637@emout14.mail.aol.com>

I have about 70 issues dating from 1970 to 1983 for sale. \$50 plus shipping for all or \$2 plus shipping for individual copies.

Please reply to vgs2@juno.com

Date: Mon, 21 Jul 1997 09:32:08 CDT
From: jackiv@juno.com (John M Iverson)
To: <boatanchors@sco.theporch.com>
Subject: FS Beam indicator
Message-ID: <19970721.093836.3326.0.jackiv@juno.com>

In a bunch of stuff in an estate I found a beam indicator for the OLD Mims Signal Squirter. This is truly an elegant device. with it is the data for the beam and rotator.
In deference to Jack please reply to me direct
jackiv@juno.com 73 all

Date: Mon, 21 Jul 1997 10:49:40 -0400
From: Nick England <nick@cs.unc.edu>
To: boatanchors@theporch.com
Subject: LA BA ?

Message-ID: <199707211449.KAA24464@altair.cs.unc.edu>

Some of us will be in Los Angeles Aug 1-10 for the SIGGRAPH Computer Graphics conference. Any recommendations for BA places to visit ?
When is the legendary TRW swapmeet held ??
thanks & 73,
Nick KD4CPL
nick@cs.unc.edu

Date: Mon, 21 Jul 1997 07:49:29 PDT
From: "Schroeder,Russell G" <Russell_Schroeder@xn.xerox.com>
To: boatanchors@theporch.com
Cc: "Schroeder,Russell G" <Russell_Schroeder@xn.xerox.com>
Subject: BC348 Help Needed
Message-ID: <FE74D3338190677CFE74D3338190677C#064#X-WB-0207-MS2.XN@SMF>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Hollowstaters,

For the past several weeks I have been working on a BC348Q receiver.

The original symptoms: Overall low sensitivity and low BFO injection.

Measured the input sensitivity (after alignment) with a URM-25F generator: 30 uvolts to get a usable signal, considerably more than the 9 uvolts listed in the manual.

Investigated the receiver, discovered a number of mods, mainly in the detector/BFO area. Backed out the mods. Sensitivity worse than before.

All caps associated with the AVC were found to be leaky. AVC measured at +4 volts without signal. Replaced all caps. AVC now 0 volts without signal.

Sensitivity now measures about 80 uvolts to get usable signal. Definitely progressing in the wrong direction.

Verified that all resistors within tolerance, all tubes measured on a TV-7, wiring agreed with original schematic, all voltage and resistance reading agree with the manual. Nothing obviously wrong.

Finally grabbed a tube manual and checked out the 6SK7 specs. Manual states the grid bias should be -2 volts, BC348 has -6 volts on the 1st and 2nd if amps. Injected a positive voltage onto the AVC line. As the voltage was varied from 0 to 10 volts, the receiver gain rapidly increased,

peaking at +6 volts. This corresponds to a measured grid bias of -1.5 volts. Receiver sensitivity now measured at about 20 uvolts for the usable signal. The same effect could be achieved by grounding the cathodes of the of the 1st and 2nd if tubes without the applied voltage to the AVC line.

>From my investigation on this receiver, it looks like the rf and if stages are biased wrong, resulting in reduced gain / overall performance. Has anyone had a similar experience with a 348? I am tempted the re-bias the four stages to get the expected receiver performance but would like to tap the collective boatanchors wisdom before making any rash changes. There is probably a flaw in my reasoning. Any ideas to try to resolve the dilemma?

By the way, the BFO injection is still very low, but that can wait until the first problem is solved.

Thanks for you assistance.

73 Russ W2DYY

Russell_Schroeder@xn.xerox.com

Date: Mon, 21 Jul 1997 11:06:12 -0400 (EDT)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: Nick England <nick@cs.unc.edu>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: LA BA ?
Message-ID: <Pine.A32.3.91.970721110507.33705B-1000000@ppdu.nrl.navy.mil>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nick,
Visit APEX in Sun Valley off Route 5. Big warehouse of BA related stuff. APEX is on San Fernando Blvd in LA area.
Paul Bernhardt

Work:P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-1096	703-960-9656
FAX: 202-767-0631	

On Mon, 21 Jul 1997, Nick England wrote:

>
> Some of us will be in Los Angeles Aug 1-10 for the SIGGRAPH Computer
> Graphics conference. Any recommendations for BA places to visit ?
> When is the legendary TRW swapmeet held ??
> thanks & 73,
> Nick KD4CPL
> nick@cs.unc.edu
>

Date: Mon, 21 Jul 1997 12:14:54 -0400 (EDT)
From: "William L. Fuqua III" <wlfuqu00@pop.uky.edu>
To: boatanchors@theporch.com
Subject: Solid state replacements
Message-ID: <199707211614.MAA03044@pop.uky.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I picked up some solid state replacements for
866's this weekend. Also got some "STR 4B32" replacement
rectifiers. Can't find any data on these can anyone help
with some data? I guess they are replacements for
4B32 rectifiers but can't find them in tube manuals.
These seem same size as 872.

73
Bill wa4lav

PS. I also need a manual for a AMECO PT-2 RF tuned
preamplifier. Maybe some can help.

73
Bill wa4lav

William L. Fuqua III P.E. E-mail WLFUQU00@POP.UKY.EDU Phone (606) 257-4155
Department of Physics and Astronomy CP-177 Chem. Phys. Bldg.
University of Kentucky , Lexington, Ky 40506-0055

Date: Mon, 21 Jul 1997 11:45:00 -0600
From: "Freeberg, Scott (STP)" <qc01870@stp03.guidant.com>
To: "'Boatanchors@theporch'" <boatanchors@sco.theporch.com>
Subject: "new" Ameco AC-1 and Shipping

Message-ID: <199707211639.LAA14225@inetgw.stp.guidant.com>

Thanks to my friend Don N900, I am now the proud owner of an Ameco AC-1!
Thanks Don.

I have been looking for one of these for around 8 years now. I had asked Don to keep a look out for the AC-1 at an upcoming hamfest. It was there and he found it. It is in very good shape, with the 40 meter coil. Does anyone have an 80 meter coil or coil form information?

I was very impressed with the packaging. Based on the quality packaging job, I felt he must have accidentally shipped his Collins instead. It was double boxed with about 4 inches of bubble wrap surrounding the inner box. Each tube (2) and coil (1) had been removed and individually wrapped in bubble wrap. The chassis was then wrapped in bubble wrap. Each bundle was taped and marked with the contents. Then all that was placed in the inner box with more bubble wrap. You sure can appreciate his packaging effort to make sure this transmitter got to me in the same shape it left in.

73, Scott WA9WFA St. Paul, MN
Johnson Viking Valiant and National NC-300, wow what a rig!

Date: Mon, 21 Jul 97 12:26:30 -0000
From: "Joseph W. Pinner" <kc5ijjd@net-connect.net>
To: "Boatanchor 1" <boatanchors@theporch.com>
Subject: FS: Johnson 250-39 TR switch
Message-ID: <199707211618.LAA31792@dns1.net-connect.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Have an E F Johnson 250-39 TR switch which I really do not need.

\$ 35 plus shipping.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijjd@net-connect.net

Date: 21 Jul 97 13:59:41 EDT
From: "Gary J. Youney" <72302.2164@CompuServe.COM>
To: All <Boatanchors@theporch.com>
Subject: Dow Key Electronic TR
Message-ID: <970721175940_72302.2164_DHR57-1@CompuServe.COM>

I have a Dow Key electronic TR switch. I don't know if it works or not. It looks OK, and is in the original box. \$35 shipped.

73,
Gary K5QT

Date: Mon, 21 Jul 1997 14:02:26 -0400 (EDT)
From: VernSchroe@aol.com
To: boatanchors@sco.theporch.com
Cc: baswaplist@foothill.net
Subject: Gonset "Monitone" FS
Message-ID: <970721140034_-1308487848@emout17.mail.aol.com>

FS Gonset 3022 "monitone" monitor and code practice oscillator. Working but has some small scratches on finish. \$25 plus shipping.

Please reply to vgs@juno.con

Date: Mon, 21 Jul 1997 12:13:50 -0700
From: "Ian Abbott" <ian@gene.COM>
To: boatanchors@theporch.com
Cc: 74221.3661@compuserve.com
Subject: re: wrinkle painting
Message-ID: <9707211213.ZM12735@emerald.gene.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello-

I saw a recent post about wrinkle painting and it spurred me to share my successful experience in case it helps anyone.

I'm refinishing the front panel of a BC-348 that much of the original paint had flaked off of. The rest of the cabinet, oddly enough, is fine, so I'm not going to repaint it. I used a 3M paint remover (no methylene chloride- yay!) to take the remaining paint off of the front panel, and that

worked well. After removing the paint I wanted to *clean* the bare aluminum panel as best I could, and a trip through the dishwasher took care of that. (Remember, this is just a sheet of aluminum with various holes punched and the edges folded over. NO electronics went in the dishwasher!)

In the San Francisco Bay Area the daytime temperatures have recently been in the mid- to high- eighties (Farenheit), with low humidity. I sprayed two coats of primer on the front panel working in my garage to stay out of the wind and direct sun. (Garage door was OPEN for ventilation, you betcha!) The primer I used was a zinc chromate primer sold by the local hardware chain. It probably "cured" completely in a day or two of hanging in my warm garage, but a week went by before I had a chance to do the finish coat.

The wrinkle paint I used was Krylon "Wrinkle Finish" which I bought from Antique Electronic Supply. (No connection, just a happy customer.) The instructions on the can call for two or three *heavy* coats applied within about five minutes of each other, and the instructions note that the paint will look ordinary when first applied. Again working in my garage with temperatures in the mid-eighties, I followed the directions with three heavier-than-I-usually-apply coats about five to ten minutes apart. The paint did indeed look like an ordinary glossy black after each of the three coats.

I started to notice a change in the paint's appearance about fifteen minutes after the last coat. From that point to about 45 minutes the wrinkle effect intensified. The instructions say you can apply heat to speed the process, but I just let the warmth of the garage and time work together.

Okay, so what's the point? The paint looks BEAUTIFUL! It is perhaps a little too glossy, but it looks good, and the texture is amazingly uniform across the panel. I'm no slouch with a spray can, but I never expected it to look *this* good. Wow!

Anyway, I hope that my experience provides some data for someone contemplating a wrinkle paint adventure.

Cheers!

IEA

--

"Are you boys the police?"

"No ma'am, we're musicians."

~~~~~%~~~~~

Ian E. Abbott

| abbott.ian@gene.com %

|                           |  |                     |          |
|---------------------------|--|---------------------|----------|
| Genentech, Inc.           |  | Voice: 415.225.1793 | %        |
| Fermentation/Recovery     |  | Pager: 415.655.9160 | <"}}}}>< |
| Information Systems Group |  | Fax: 415.225.3541   | _  _     |

-----  
Date: 21 Jul 97 15:32:53 EDT  
From: "Gary J. Youney" <72302.2164@CompuServe.COM>  
To: All <Boatanchors@theporch.com>  
Subject: Dow Key TR Sold  
Message-ID: <970721193252\_72302.2164\_DHR55-1@CompuServe.COM>

Thanks for the MANY replies.

73, Gary

-----  
Date: Mon, 21 Jul 1997 15:37:21 -0400  
From: BEN NOCK <G4BXD@compuserve.com>  
To: Multiple recipients of 1 <boatanchors@sco.theporch.com>  
Subject: Teleset D Buzzer  
Message-ID: <199707211537\_MC2-1B44-1DC3@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

I'm sure there was someone recently who wanted the =

buzzer unit out of a Telephone Type D Mk V.

I now have a spare Buzzer "T" Mk 1, with 6 contact strips.  
(1944)

So give me a call if it was you.

Cheers, Ben G4BXD, Curator,

MILITARY WIRELESS IN THE MIDLANDS MUSEUM  
(Home of all things 1939 to 1945)

-----  
Date: Mon, 21 Jul 1997 15:57:40 -0400 (EDT)  
From: Jderm740@aol.com  
To: boatanchors@theporch.com  
Subject: Tech Manuals  
Message-ID: <970721155619\_1015217316@emout16.mail.aol.com>

Some how in my travels I came across this source of tech manuals,  
karenski@inreach.com  
Ask for it in plain text unless you can decipher gobbledegook. Also it runs  
to 36 pages and no prices are given. I guess you ask and argue from there.

Jack jderm740@aol.com

-----  
Date: Mon, 21 Jul 97 16:39:09 -0700  
From: philip mccoey <dgnova@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: BC-312 loudspeaker 12 volts  
Message-ID: <199707212159.RAA15256@smtp2.erols.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii

Someone asked me why there is 12 volts DC at good amperage  
going to the loudspeaker connection on the BC-312.

>From TM 11-272 this is to run old models of the LS-3 loudspeaker  
which had a 12 volt field coil.

Philip McCoy dgnova@erols.com

-----  
Date: Mon, 21 Jul 1997 15:03:53 -0700  
From: "Lloyd A. Scott, Jr." <wpul1130@concentric.net>  
To: Multiple recipients of list <boatanchors@sco.theporch.com>  
Subject: ER  
Message-ID: <33D3DCC9.309D@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings All: ER arrived in the mail today. Pattie and myself will be leaving for Bosnia and Croatia Wed AM for about two weeks. On a mission for the church. I will be looking for any BA material I can find. If anyone has mail for me please send it direct before WED AM  
See you later  
Lloyd

-----  
Date: Mon, 21 Jul 1997 15:05:59 -0700  
From: "Ian Abbott" <ian@gene.COM>  
To: "Rudolf H. Salomon" <rhsalomon@imation.com>  
Cc: boatanchors@theporch.com  
Subject: Re: Wrinkle painting  
Message-ID: <9707211505.ZM6512@emerald.gene.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

(Rudy Salomon replied to my posting by asking whether my BC-348 front panel had raised lettering- and if so, how I was going to re-paint it. I hope he doesn't mind my sharing this reply-)

Rudy-

Yes, my BC-348Q has embossed lettering on the front panel, and no, I'm not \*sure\* how I'm going to re-do the white lettering.

I've been thinking I should show it to the people at a good art supply shop and see if they had any suggestions- graphic artists have all kinds of neat tools even in the computer age. I've also thought about showing it to a local speedometer shop that caters to restoration- maybe they've run into raised lettering before. Any other ideas?

Best regards,

IEA

--  
"Are you boys the police?"  
"No ma'am, we're musicians."

~~~~~%~~~~~  
Ian E. Abbott | abbott.ian@gene.com %
Genentech, Inc. | Voice: 415.225.1793 %
Fermentation/Recovery | Pager: 415.655.9160 <"}}}}}><
Information Systems Group | Fax: 415.225.3541 _| _|

Date: Mon, 21 Jul 97 17:23:38 -0000
From: "Joseph W. Pinner" <kc5ijd@net-connect.net>
To: "Boatanchor 1" <boatanchors@theporch.com>
Subject: FS: HW-101
Message-ID: <199707212115.QAA10534@dns1.net-connect.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

I have an HW-101 (no power supply) that I purchased almost a year ago to go with an SB-500 I had for some 2 meter SSB.

Never did get that project off the ground. I have since found an SB-500 with set up for use with my SB-110.

I need to dispose of the HW-101. Never have operated it because of the above but it was sold to me with understanding that it was operational.

\$ 135 plus shipping.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net

Date: Mon, 21 Jul 1997 18:17:36 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: BC221 and Instructograph
Message-ID: <33D3D1F0.D58@prtc.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi to the BA gang and thanks again for your replies about the SX 23 and

SRR12 meters. I have a couple of items that I will like to sell or trade. I know that I will never use them. One is a BC221 frequency meter with book. It works but needs a PS. The other is an old instructograph code practice machine with at least six boxes of punched tape. It also works but has a square hole in the back that apparently was used to accomodate a modern practice oscillator. I guess that any handy BAer can take care of that. We are used to more challenging tasks.

Talking about packaging BAs for shipment, I have never seen better packing than that of Don Merz. He took the time to pack my SRR12 in three boxes. One with the PS, and the other two with the cabinet and the rest of the chassis. All items were heavily padded with roll foam and strong styrofoam. It took me time to remove them from the packing material! but they arrived intact. Don also provided the 400+ manual and an extra set of subminiature tubes for future use (thanks Don).

TNX abd Best 73s to all
Guido E. Santacana KP4FAR

Date: Mon, 21 Jul 1997 18:31:52 -0500
From: k5jv@vonl.com (Lon W. Cottingham)
To: BASWAPLIST <baswaplist@foothill.net>
Cc: boatanchors@theporch.com
Subject: How to contact Dallas Lankford?
Message-ID: <33D3F168.56ED@vonl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings to all,

Does anyone have a current address or telephone number for Dallas Lankford? The last I heard of him, he was teaching in the math department at LSU or LTU in Rustin, LA. Dallas was the man who re-worked several of the published mods for usable (easy) SSB on the R-388/51J serieese of receivers without destroying the orginal receiver. He did a simular workup on the R-390A. I had the oppertunity to get some hands on time with one of these receivers today any was so impressed with it that I want to know more. His mod is all done on the IF module, leaving the rest of the receiver alone. Basically, he increases BF0 injection level and fixes the anoying AGC problem. SSB reception great. Just turn on and offset the BF0, select the 2 Khz filter position and enjoy good SSB. I never had to touch the RF gain control from the strongest to the weakest signals. No popping, snapping, or overshoot at all.

73 de Lon, K5JV

Date: Mon, 21 Jul 97 23:41:34 UT
From: "Allan Fritsche" <fritsche@msn.com>
To: boatanchors@theporch.com
Subject: Part 2, the HT-32 Saga
Message-ID: <UPMAIL03.199707212343150146@msn.com>

Well Gang, got home from work today and installed the front panel and KaNobs on the HT-32. Man is this Guy Pretty. Still got to wire the exciter connections to the DB meter,etc.

I do have some concern, the new exciter subchassis op switch has one less turn than the original. What gives. I think I need to research this before I carry on.

Your Friend Al
fritsche@msn.com

Date: Mon, 21 Jul 1997 17:08:44 -0700 (PDT)
From: tomrice@netcom.com (Tom R. Rice)
To: boatanchors@sco.theporch.com (boatanchors list)
Cc: glowbugs@www.atl.org (free glowbugs)
Subject: rocks for 160 & 80?
Message-ID: <199707220008.RAA07682@netcom13.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

There was considerable discussion re BA & GB freqs on these two bands, but I'm not aware that any actual freqs were chosen. As I'm about to enter one of my regular poverty periods, I'd like to get some real numbers down so that I can get my order in before the cash flow dries up ;-)

I'm loaded with 40-meter xtals and have one for 30 meters, but none for the two lower bands.

How about four or five good choices for each band, with a couple of AM freqs in each?

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

CIS: 71160,1122

Date: Sun, 20 Jul 1997 06:45:02 -0400

From: marty@aa4rm.radio.org (locale for Marty Reynolds)

To: Bob2430@aol.com

Cc: boatanchors@theporch.com

Subject: BA dawn patrol

Message-ID: <199707201045.GAA01139@aa4rm>

Just came back from driving west near dawn in a '56 Merc. Listening to a vibrator buzz HV to a pr 12AQ5s thru which were coming tandem "Foggy Mtn Breakdowns" by Flatt..., Scraggs..., et. al. - over WLAC in W4KH's neighborhood.

Full setting moon square in front of the Merc's hood bird the whole way, right over the peacefully burbling 312 V8.

Right now I feel like the E K Gann of things ground-born.

Back to R388 fetzer valves.

'RM

Date: Sun, 20 Jul 1997 06:25:05 -0400

From: polepeeg@aa4rm.radio.org (Marty Reynolds' BA ID)

To: Bob2430@aol.com

Cc: boatanchors@theporch.com

Subject: BA dawn poetry

Message-ID: <199707201025.GAA01065@aa4rm>

Just came back from driving west near dawn in a '56 Merc. Listening to a vibrator buzz HV to a pr 12AQ5s thru which were coming tandem "Foggy Mtn Breakdowns" by Flatt..., Scraggs..., et. al. - over WLAC in W4KH's neighborhood.

Full setting moon square in front of the Merc's hood bird the whole way, right over the peacefully burbling 312 V8.

Right now I feel like the E K Gann of things ground-born.

Back to R388 fetzer valves.

'RM

Date: Mon, 21 Jul 1997 19:34:19 +0000
From: jworth@scn.org
To: boatanchors@theporch.com
Subject: QSTs AVAILABLE FOR POSTAGE
Message-ID: <199707220037.RAA13360@scn.org>

Dear BA fans,

I am offering the following QST magazines for the price of postage:

1954 -- Complete
1955 -- Complete
1956 -- Complete
1957 -- Missing Jan issue

Now, before you get too excited about this low price, let me warn you about a few things. First, these are definitely NOT collector quality. They have been glued together at the spine in what appears to be an attempt at a "homebrew" binding job. In addition, about 10 of the issues are missing the front cover.

Soooo...if you are looking for magazines that are 100% complete in the content department, but are not all that pretty on the outside, then this just might be the deal for you. If you are looking for issues in very good to excellent condition to complete a collection, then please turn the page.

I guesstimate that shipping via UPS would be in the neighborhood of \$16.

This is an "all or nothing" deal. I will not ship individual years at this price.

Please take me up on this offer, because the next stop for these issues is the trashcan. Seems a waste to put them there, when I KNOW that someone out there could use them!

73s,

Jacob Worthington

AA4FM

Conway, Arkansas, USA

Date: Mon, 21 Jul 1997 19:35:43 -0500
From: Mike Sanders <k0az@i1.net>
To: boatanchors@theporch.com
Subject: Don't say it ain't a boatanchor if you ain't carried one
Message-ID: <3.0.16.19970721193538.2aa776b4@i1.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings All,

Yes, no tubes in it but KWM380 serial number 002 is still a heavy weight. Loaded updated and in super fine shape it came home with me today. Several other pieces of Collins whatnots and a few more nice little trinkets came along too. Nice Millen dipper in the original box. I needed another J38 and a couple more EV 664s on stands too. I will keep you all posted. 73, Mike K0AZ

K0AZ formerly KS0F, N0ARH, K4KJG, K0TPW.

Mike Sanders 3409 Henry Dr. Imperial, MO 63052 314-282-0787

6 Meters VUCC #605 501 grids confirmed 47 countries 49 states 4 continents

E skip only

2 Meters VUCC #447 188 grids confirmed 3 countries 44 states 1 continents

Terrestrial only

Satellite VUCC #39 (mode A only)

Above stats since Feb 95

6 Meter power 170 watts. Max antenna height 57 feet. Max boom length 20 feet.

2 Meter power 170 watts. Max antenna height 62 feet. Max boom length 15 feet.

End of BOATANCHORS Digest 1575
